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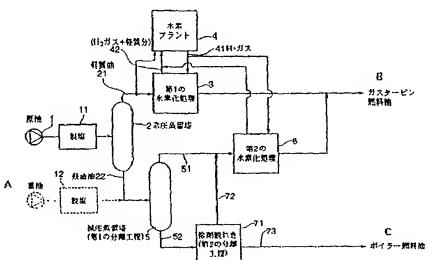
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(54) Title: GAS TURBINE FUEL OIL AND PRODUCTION METHOD THEREOF AND POWER GENERATION METHOD

(54) 発明の名称 ガスタービン燃料油及びその製造方法並びに発電方法

(57) Abstract

Crude oil is separated into a light oil and a normal pressure residual oil by an atmospheric distillation and the light oil is brought into contact with a pressurized hydrogen in the presence of a catalyst to perform a first hydrogenation refining, a plurality of kinds of light oil obtained from an atmospheric distilling column being hydrogenation-refined collectively. The normal pressure residual oil is separated into a light component and a heavy component, the obtained light component is subjected to a second hydrogenation refining in the presence of a catalyst, the refined oil (light component) is mixed with the refined oil obtained by the first hydrogenation refining and the mixed oil is used as a gas turbine fuel oil.



1 ... CRUDE OIL	21 ... LIGHT OIL
2 ... ATMOSPHERIC DISTILLING COLUMN	22 ... RESIDUAL OIL
3 ... FIRST HYDROGENATION REFINING	41 ... H2 GAS
4 ... HYDROGEN PLANT	42 ... (H2 GAS PLUS LIGHT COMPONENT)
5 ... VACUUM DISTILLING COLUMN (FIRST SEPARATION PROCESS)	71 ... SOLVENT DEASPHALTING (SECOND SEPARATION PROCESS)
6 ... SECOND HYDROGENATION REFINING	A ... HEAVY OIL
11 ... DESALTING	B ... GAS TURBINE FUEL OIL
12 ... DESALTING	C ... BOILER FUEL OIL